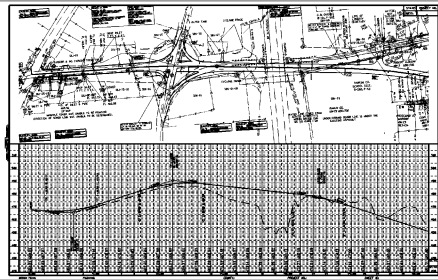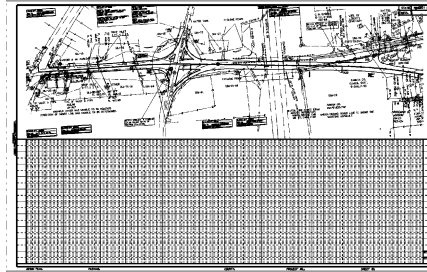# PLAN & PROFILE SHEETS (1-23-2012)

This document contains specific instructions of how to use GeoPak's Plan and Profile Sheets application to create the following type sheets:
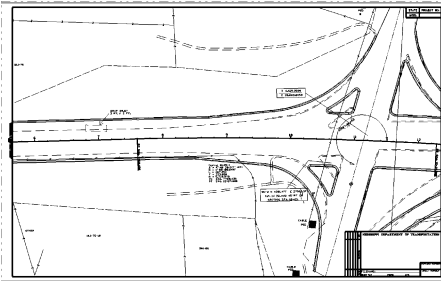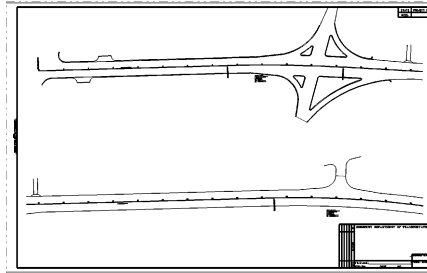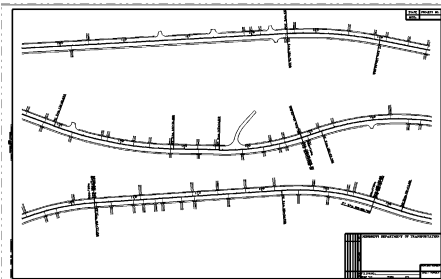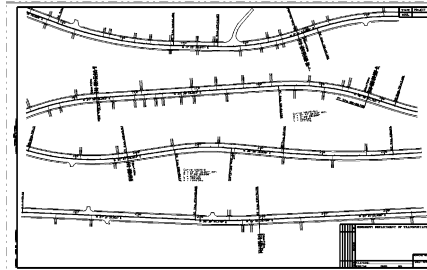
PLNPRO	PLNPRO-PLN ONLY
PLAN	**PLN2**
PLN3	**PLN4**

STEPS

1. In BORDERchainname.DGN, reference all sheets you want attached to the Plan & Profile Sheet.
2. Set the Type Sheet & Scale on the dialog below.
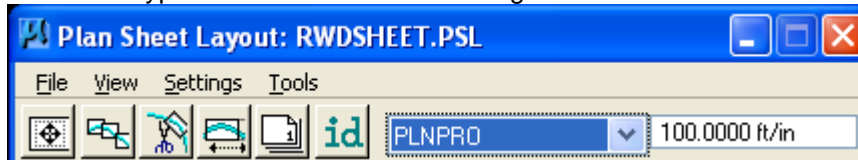
3. Sheet Composition Button
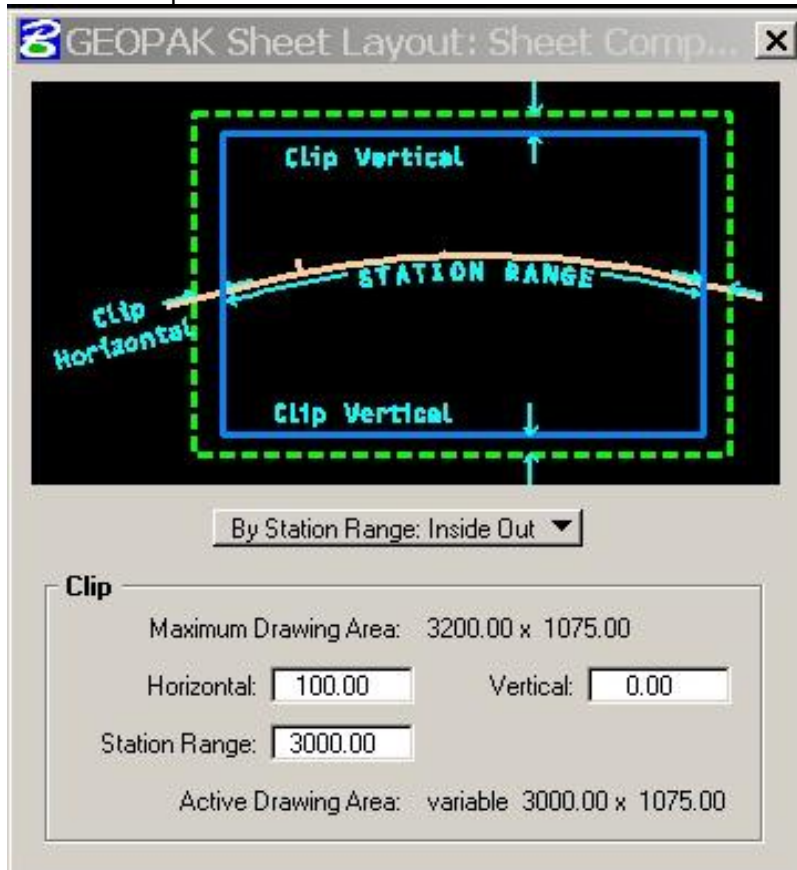
SCALE	STATION RANGE	MAX. DRAW LENGTH	HORIZONTAL	ACTIVE DRAW AREA
1"=100'	3000	3200 or 3350	100 or 175	3000
1"=20'	600	640 or 670	20 or 35	600
1"=50'	1500	1600 or 1675	50 or 87.5	1500
1"=40'	1200	1280 or 1340	40 or 70	1200
1"=30'	900	960 or 1005	30 or 52.5	900

4. Layout Sheets Button

Double Click each line & fill out the appropriate info.   If profile's involved, the Profile & Tabular dialogs can be filled out by tagging "Identify Cell".
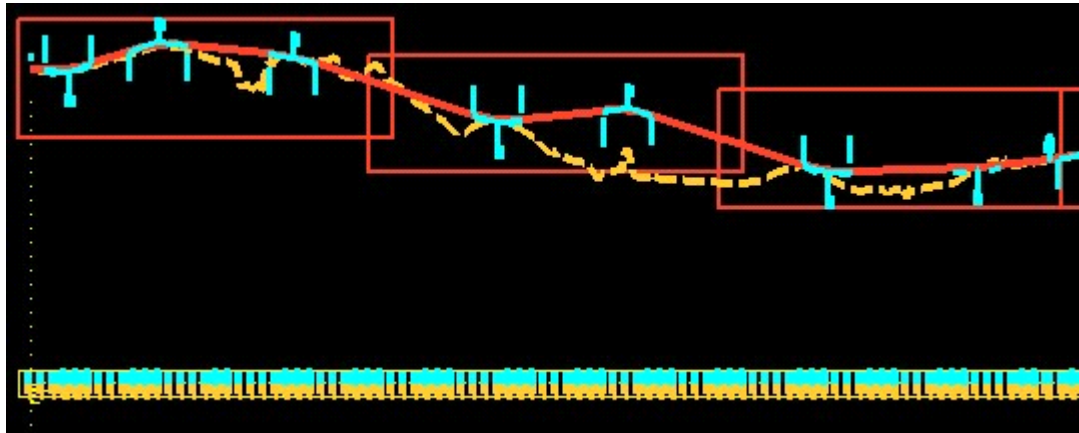

Tag Layout Sheets to place your borders as shown below:

Plan Borders

Profile Borders

5. Editing Sheet Numbers
Choose all the lines and then tag the edit sheet number button on the right to get the 2nd dialg shown below.   Fill it out as needed to get the proper DGN file name for each sheet.

GEOPAK Sheet Layout: Sheet Number Manager

Sequence	Sheet	Alignment	Begin Station	Extend	End Station	Extend
1	1	H471	5+00.00 R 1	0.0000	35+00.00 R 1	0.0000
2	2	H471	35+00.00 R 1	0.0000	65+00.00 R 1	0.0000
3	3	H471	65+00.00 R 1	0.0000	108+72.14 R 2	0.0000
4	4	H471	108+00.00 R 2	0.0000	138+00.00 R 2	0.0000
5	5	H471	138+00.00 R 2	0.0000	168+08.03 R 4	0.0000
6	6	H471	167+00.00 R 4	0.0000	197+03.55 R 5	0.0000

☐ Highlight Clipping Shape   ☐ Window Center Clipping Shape

Edit Sheet Number

☑ Add Prefix: wk

Compute Sheet Number By:

[To Sequence Number Add ▼] [2]

☐ Append Alpha Suffix: [Z AA BB ▼]
Begining Letter(s): [   ]   [Uppercase ▼]

[OK]   [Cancel]

6. Modifying Borders

Use the following dialog to move borders as needed.   Tag IDENTIFY and then tag the border you need to move.   Profile borders need to be moved in even 10' increments.

GEOPAK Sheet Layout: Job: 471   Profile: PPH471

Shape: Sheet wk4, Port 2 ▼ | Identify

☐ Slide Preceding Sheets   ☑ Slide Following Sheets

Left Station ▼ | 30+00.00 R 1 | Extend: 0.0000 | Dynamic

☑ Bottom Elevation: 380.0000 | Dynamic

Additional Rotation about Left Station: 0.0000 | Dynamic

Apply

7. Sheet Clip

Plan Sheet Layout: Clip Sheets

Output File

Directory: [   ] 🔍

Sheet Name Prefix: [   ] wk3.dgn

Orientation: Rotate Reference ▼

Sheets per File: 1   Model: Active ▼

Sheet Range Begin: wk3 ▼   End: wk7 ▼

Labels and Annotations

Sheet Title: [   ]

Project Number: [   ]

Match Line: [   ]   XXX+XX.XX   [   ]

☐ Auxiliary Sheet Annotations   Sample

☐ **Create Digital InterPlot Plot Set**

IPS File: D:\kboteler\geopak\v8.5\untitled.ips 🔍 📊

Open InterPlot Organizer

Process Sheets

8. Adding reference Files.
To add reference files to previously created Plan & Profile Sheets, follow the steps below.

    a.   Invoke Microstation's Reference Dialog

    b.   Copy one of the Plan view attachments (Tools -> Copy).   You'll be prompted to DP the from and to location which should be the same point.

    c.   Double Click the copy to invoke the Attachment Settings Dialog.
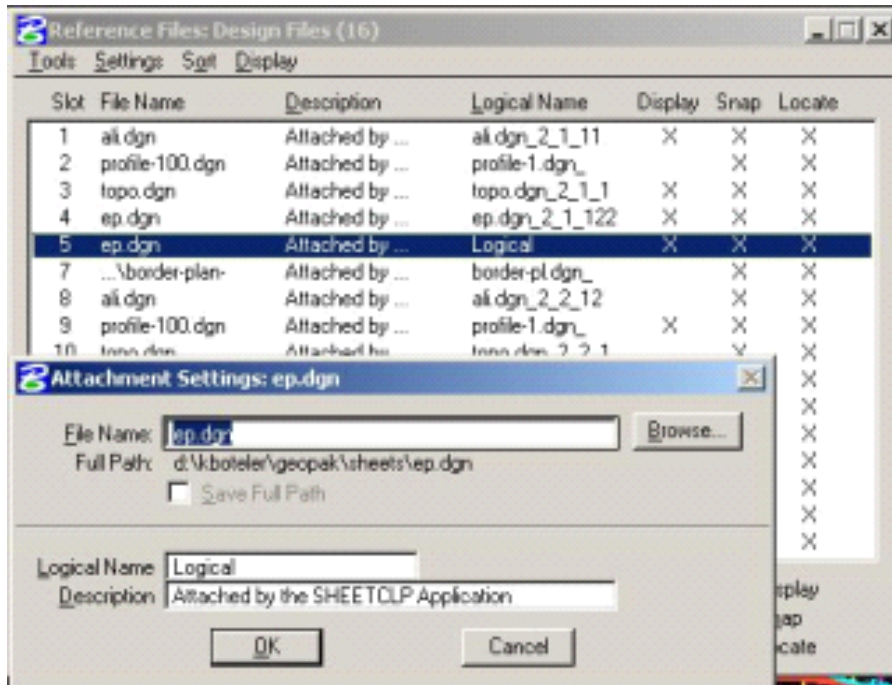
    d.   Change the File Name or Browse to Select the DGN file you wish to attach.   Also change the logical name and the Tag OK.   Your new reference file should be attached.